

# W I N D E R

## Roblon WCA830XE R

### Roblon WCA830EX heavy-duty take-up winder

For precision winding of extruded monofilaments

High-quality packages of up to 225 kg

Long life

Low maintenance

Minimum down time

#### Key features

- One-stop operator panel for changing number of winds, yarn lay, bail pressure and winding tension
- Winding parameters programmable to change while running
- Choose constant or gradually decreasing winding tension during package build-up
- Choose constant or gradually decreasing bail pressure during package build-up
- Excellent package quality
- Electronic setting of all winding parameters
- Take-up spindle and traverse unit synchronized by two motors
- Easy to change traverse width
- Compact, simple, robust design
- Cutting-edge technology
- Highly reliable

#### Standard equipment

- Yarn break alarm
- Diameter alarm
- Preset yarn length alarm
- Winding time alarm
- Metre counter alarm
- Motor with inverter for spindle drive
- Motor with inverter for cambox drive
- Pneumatically-adjustable 'dancing arm' control, ensuring constant or gradually decreasing winding tension



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## Optional equipment

- Extrusion speed synchronization via encoded or analogue signal 0-10V
- Customized take-up spindles
- Package push-off system for easy doffing
- Traverse lengths from 300 mm to 700 mm
- Lifting and transport equipment
- 400-2,500 cN winding tension range
- Customized yarn speeds
- Customized voltage

## Technical data

Take-up:	Max. Ø800 x 700 mm, cylindrical and straight ends
Take-up, max. weight:	Polypropylene 225 kg
Yarn:	Max. 100,000 dtex
Yarn speed:	50-150 m/min.
Bail pressure:	30-140 N, electronically-controlled by pneumatic cylinder
Winding ratio:	Electronically-controlled
Gaining:	Adjustable, electronically-controlled
Winding tension:	200-1,250 cN, electronically-controlled by pneumatically-adjustable 'dancing arm'
Take-up spindle:	Pneumatically-operated expanding mandrel for Ø144 mm tube
Motor:	1.1 kW AC motor with inverter for spindle drive 0.37 kW AC motor with inverter for cambox drive
Voltage:	3 x 380-480 V, 50/60 Hz

